

# ***The future of the use of servo drives to 2020 in the German machinery industry***

– Highlights, table of contents, budget –

July 17th, 2017

## ***The future of the use of servo drives until 2020 in the German machinery industry***

**– Highlights of the study –**

### **The 7 highlights of the study for your purchase decision**

1. You will use latest current demand trends as recorded March/June 17.
2. The demand trends are representative because 21% of the 650 machine-builders with 100 and more employees in the 10 automation-relevant sectors of the German machinery industry were investigated.
3. You get to know the market penetration and market shares for positioning servo. servo drive with technology functions, servo drive with PLC, vector-controlled frequency converters with the asynchronous or the synchronous motor, servo converter at the asynchronous motor, frequency converter (V/f), stepper motor, DC drive, linear drive and torque drive. In each case with number of related machine-builders, number of units at the machines, the use-intensive sectors, the modification rates until 2020, the average number of axes per machine (chapter 5 to 14, over 60 pages). This comprehensive analysis of the changes of the electronic drive technology puts the servo drive until 2020 into the necessary total context.
4. You get to know in what respect the growth of the servo drives will change the use structure of the electronic drive technology at the machines, thus in what respect the growth potential of the servo will be connected with new applications, substitution of other drive components or the substitution of the servo itself (chapter 15 to 19, 20 pages).
5. You get to know the technical modifications the machine-builders will make regarding their applications of servo until 2020. That concerns the positioning tasks, integrated safety functions, Ethernet, classical field buses, central, distributed or integrated servo converter and the modifications of the servo component towards Industry 4.0 (chapter 20 - 24, 43 pages).
6. You get to know the changes of the machine automation with the servo application such as the analysis of the types of the control at machines with servo drives, the central or distributed distribution of the control intelligence. The study identifies six technological trends of machine automation in the servo application until 2020 (chapter 25 - 26, 19 pages).
7. You get to know not only the main suppliers of the control technology, the servo converter, the servo motor, but the preferences of the machine-builders in the supplier policy regarding servo suppliers and the changes until 2020.

The study is optimized as decision tool for servo providers. That concerns numerous single analyses (illustrates in 123 diagrams) and the analysis of the total contexts in the future of the servo application until 2020.

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**– Budget –**

**The future of the use of servo drives until 2020  
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